

- Leading technology products
- Consistent product performance globally
- Continuity of supply ensured through multiple manufacturing sites

PERFORMANCE INDICATORS	PRODUCT NAME	No-Clean	Water Soluble	Pb-FREE ALLOYS							SnPb ALLOYS			POWDER SIZE			Metal Loading (% by Weight)	Viscosity Designation (Malcolm @ 10 RPM)	Flux J-STD 004 Classification	Dispense Version: Metal Loading & Viscosity	Halogen Content	
				SACX 0307	SACX 0807	SACX plus 0807	InnoLot	SAC 305	SAC 387	SAC 405	Sn/Bi/Ag	Sn63/Pb37	Sn62/Pb36/Ag2	Sn62.8/Pb36.8/Ag0.4	Type 3	Type 4						Type 4.5
LEAD-FREE	Universal, Highest Print Speed	ALPHA® OM-338 T	•						•	•	•				•			88.5%	M13	ROL0	88.3% M04	ND
	Universal, Pin Testable, Enclosed Print Heads	ALPHA® OM-338 PT	•						•	•	•				•			88.5%	M15	ROL0	NA	ND
	Enabling 0.4mm BGA Assembly	ALPHA® OM-338 CSP	•						•							•		88.3%	M11	ROL0	83.5% M04	ND
	High Soak Profile, Paste in Through Hole	ALPHA® CVP-390	•	•	•	•	•	•	•						•	•	•	88.6 - 89.2%	M17 M20	ROL0	TBD	ND
	Increased Spread Wetting	ALPHA® OM-340	•	•			•	•	•						•	•	•	88.5%	M18	ROL0	NA	ND
	Universal Water Soluble	ALPHA® WS-820		•					•	•					•	•		87.6%	M19	ORH0	85% M9	NA
	High Value Pin Testable SACX Alloy	ALPHA® CVP-360	•		•	•									•			88.5%	M15	ROM0	83.3% M04	<900 ppm
	Excellent paste in through hole performance, low melting point alloy	ALPHA® CVP-520	•								•				•			90%	M21	ROL0	85.3% M04	ND
TIN-LEAD	Universal, Wide Process Window	ALPHA® OM-5100	•									•	•	•	•			90.0%	M13	ROL0	85% M04	ND
	Stencil Life, Joint Cosmetics, Cleanability	ALPHA® WS-809		•								•	•		•			90.0%	M18	ORH0	NA	NA

ND: None Detected

WATER-SOLUBLE PRODUCTS

ALPHA® WS-809

- Broad-latitude, water-soluble tin-lead paste; appropriate for most SMT applications
- Excellent balance of stencil life and cleanability
- Provides excellent voiding resistance
- Delivers excellent throughput and high first pass yield

ALPHA® WS-820

- Delivers excellent Print Volume and Consistency
- High Reflow Yield with IPC Class III Voiding Performance
- Exceptional Post Reflow Cleanability

To fully support SMT printing requirements, ALPHA also offers a complete line of ALPHA® Stencils and Cleaners.

